

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-24 (Cancelled)

Claim 25 (Currently Amended) ~~An~~ The isolated nucleic acid of Claim 22 having at least 95% nucleic acid sequence identity to:

(a) a nucleic acid sequence encoding the polypeptide shown in Figure 18 (SEQ ID NO: 42);

(b) a nucleic acid sequence encoding the polypeptide shown in Figure 18 (SEQ ID NO: 42), lacking its associated signal peptide;

~~(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 18 (SEQ ID NO: 42);~~

~~(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 18 (SEQ ID NO: 42), lacking its associated signal peptide;~~

~~(e)~~(c) the nucleic acid sequence shown in Figure 17 (SEQ ID NO: 41);

~~(f)~~(d) the full length coding sequence of the nucleic acid sequence shown in Figure 17 (SEQ ID NO: 41); or

~~(g)~~(e) the full length coding sequence of the cDNA deposited under ATCC accession number 209492;

wherein the isolated nucleic acid encodes a polypeptide that inhibits neoplastic growth in tumor cells.

Claim 26 (Currently Amended) ~~An~~ The isolated nucleic acid of Claim 22 having at least 99% nucleic acid sequence identity to:

(a) a nucleic acid sequence encoding the polypeptide shown in Figure 18 (SEQ ID NO: 42);

(b) a nucleic acid sequence encoding the polypeptide shown in Figure 18 (SEQ ID NO: 42), lacking its associated signal peptide;

~~(e) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 18 (SEQ ID NO: 42);~~

~~(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 18 (SEQ ID NO: 42), lacking its associated signal peptide;~~

~~(e)(c) the nucleic acid sequence shown in Figure 17 (SEQ ID NO: 41);~~

~~(f)(d) the full length coding sequence of the nucleic acid sequence shown in Figure 17 (SEQ ID NO: 41); or~~

~~(g)(e) the full length coding sequence of the cDNA deposited under ATCC accession number 209492;~~

wherein the isolated nucleic acid encodes a polypeptide that inhibits neoplastic growth in tumor cells.

Claim 27 (Currently Amended) An isolated nucleic acid comprising:

(a) a nucleic acid sequence encoding the polypeptide shown in Figure 18 (SEQ ID NO: 42);

(b) a nucleic acid sequence encoding the polypeptide shown in Figure 18 (SEQ ID NO: 42), lacking its associated signal peptide;

~~(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 18 (SEQ ID NO: 42);~~

~~(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 18 (SEQ ID NO: 42), lacking its associated signal peptide;~~

~~(e)(c) the nucleic acid sequence shown in Figure 17 (SEQ ID NO: 41);~~

~~(f)(d) the full length coding sequence of the nucleic acid sequence shown in Figure 17 (SEQ ID NO: 41); or~~

~~(g)(e) the full length coding sequence of the cDNA deposited under ATCC accession number 209492~~

wherein the isolated nucleic acid encodes a polypeptide that inhibits neoplastic growth in tumor cells.

Claim 28 (Currently Amended) The isolated nucleic acid of Claim 27 comprising a nucleic acid sequence encoding the polypeptide shown in Figure 18 (SEQ

ID NO: 42) wherein the isolated nucleic acid encodes a polypeptide that inhibits neoplastic growth in tumor cells.

Claims 29-31 (Cancelled)

Claim 32 (Currently Amended) ~~The~~ An isolated nucleic acid ~~of Claim 27~~ comprising the nucleic acid sequence shown in Figure 17 (SEQ ID NO: 41).

Claim 33 (Currently Amended) The isolated nucleic acid of Claim 25 ~~27~~ comprising the full length coding sequence of the nucleic acid sequence shown in Figure 17 (SEQ ID NO: 41).

Claim 34 (Currently Amended) The isolated nucleic acid of Claim 25 ~~27~~ comprising the full length coding sequence of the cDNA deposited under ATCC accession number 209492.

Claim 35 (Currently amended) An isolated nucleic acid that hybridizes under high stringency conditions to:

(a) a nucleic acid sequence encoding the polypeptide shown in Figure 18 (SEQ ID NO: 42);

(b) a nucleic acid sequence encoding the polypeptide shown in Figure 18 (SEQ ID NO: 42), lacking its associated signal peptide;

~~(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 18 (SEQ ID NO: 42);~~

~~(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 18 (SEQ ID NO: 42), lacking its associated signal peptide;~~

~~(e)~~(c) the nucleic acid sequence shown in Figure 17 (SEQ ID NO: 41);

~~(f)~~(d) the full length coding sequence of the nucleic acid sequence shown in Figure 17 (SEQ ID NO: 41); or

~~(g)~~(e) the full length coding sequence of the cDNA deposited under ATCC accession number 209492;

wherein the isolated nucleic acid encodes a polypeptide that inhibits neoplastic growth in tumor cells.

Claim 36 (Currently Amended) The isolated nucleic acid of Claim 35, wherein said hybridization occurs under ~~stringent~~ high stringency conditions comprising:

50% formamide, 5 x SSC (0.75 M sodium chloride, 0.075 M sodium citrate), 50 mM sodium phosphate (pH 6.8), 0.1% sodium pyrophosphate, 5 x Denhardt's solution, sonicated salmon sperm DNA (50 µg/ml), 0.1% sodium dodecyl sulphate, and 10% dextran sulfate at 42°C, with washes at 42°C in 0.2 x SSC (0.75 M sodium chloride, 0.075 M sodium citrate) and 50% formamide at 55°C, followed by a high-stringency wash consisting of 0.1 x SSC (0.75 M sodium chloride, 0.075 N sodium citrate) containing EDTA at 55°C.

Claim 37 (Cancelled)

Claim 38 (Currently Amended) A vector comprising the nucleic acid of Claim 25 ~~22~~.

Claim 39 (Previously Presented) The vector of Claim 38, wherein said nucleic acid is operably linked to control sequences recognized by a host cell transformed with the vector.

Claim 40 (Previously Presented) A host cell comprising the vector of Claim 38.

Claim 41 (Previously Presented) The host cell of Claim 40, wherein said cell is a CHO cell, an E. coli or a yeast cell.

Please add the following new claims:

Claim 42 (New) An isolated nucleic acid comprising a sequence that encodes a polypeptide of SEQ ID NO: 42 with conservative amino acid substitutions, wherein the polypeptide inhibits neoplastic growth in tumor cells.

Claim 43 (New) An isolated nucleic acid comprising a sequence that encodes a polypeptide of SEQ ID NO: 42 with 0-12 amino acid additions, deletions, or substitutions, wherein the polypeptide inhibits neoplastic growth in tumor cells.